FORM D

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824068 UNITED STATES

SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

FORM D

NOTICE OF SALE OF SECURITIES PURSUANT TO REGULATION D, SECTION 4(6), AND/OR UNIFORM LIMITED OFFERING EXEMPTION

OMB APPROVAL					
OMB Number:	3235-0076				
Expires:	April 30, 2008				
Estimated aver	age burden				
hours per resp	onse 16.00				

SEC USE ONLY						
Prefix		Serial				
DAT	E RECEI	VED				

186			
Name of Offering Shoo,000 shares of Common Stock, \$.01 par v		nal 1,960,000 shares	of Common Stock
Filing Under (Check box(es) that apply):	Rule 504 Rule 505 Rule	506 Section	4(6) ULOE
Type of Filing: New Filing Amendr			
A Company of the Comp	A BASIC IDENTIFICATION DATA		就是由这个人的特别。 第二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十
1. Enter the information requested about the issuer			4
Name of Issuer	ent and name has changed, and indicate change	2.)	
ATS Medical, Inc.			
Address of Executive Offices 3905 Annapolis Lane Plymouth, MN 55447	(Number and Street, City, State, Zip Code)	Telephone Number (II 763-553-7736	ncluding Area Code)
Address of Principal Business Operations	(Number and Street, City, State, Zip Code)	Telephone Number (II	ncluding Area Code)
(If different from Executive Offices)			
Brief Description of Business			
Manufactures and markets a mechanical bileaf	let heart valve with a unique open pivot de:	sign.	07070393
Type of Business Organization			
✓ corporation	nited partnership, already formed	other (please speci	ify: PROCESSED
business trust lin	nited partnership, to be formed	other (please speed	my).
,	Month Year	·	Retirected JUL 1 3 2007
Actual or Estimated Date of Incorporation or Organi	zation: 0 6 8 7	✓ Actual	Estimated JUL 13 2001
· · · · · · · · · · · · · · · · · · ·	nter two-letter U.S. Postal Service abbreviation I for Canada; FN for other foreign jurisdiction)		THOMSON FINANCIAL
GENERAL INSTRUCTIONS			

Federal:

Who Must File: All issuers making an offering of securities in reliance on an exemption under Regulation D or Section 4(6), 17 CFR 230.501 et seq. or 15 U.S.C. 77d(6).

When to File: A notice must be filed no later than 15 days after the first sale of securities in the offering. A notice is deemed filed with the U.S. Securities and Exchange Commission (SEC) on the earlier of the date it is received by the SEC at the address given below or, if received at that address after the date on which it is due, on the date it was mailed by United States registered or certified mail to that address.

Where to File: U.S. Securities and Exchange Commission, 450 Fifth Street, N.W., Washington, D.C. 20549.

Copies Required: Five (5) copies of this notice must be filed with the SEC, one of which must be manually signed. Any copies not manually signed must be photocopies of the manually signed copy or bear typed or printed signatures.

Information Required: A new filing must contain all information requested. Amendments need only report the name of the issuer and offering, any changes thereto, the information requested in Part C, and any material changes from the information previously supplied in Parts A and B. Part E and the Appendix need not be filed with the SEC.

Filing Fee: There is no federal filing fee.

State:

This notice shall be used to indicate reliance on the Uniform Limited Offering Exemption (ULOE) for sales of securities in those states that have adopted ULOE and that have adopted this form. Issuers relying on ULOE must file a separate notice with the Securities Administrator in each state where sales are to be, or have been made. If a state requires the payment of a fee as a precondition to the claim for the exemption, a fee in the proper amount shall accompany this form. This notice shall be filed in the appropriate states in accordance with state law. The Appendix to the notice constitutes a part of this notice and must be completed.

Failure to file notice in the appropriate states will not result in a loss of the federal exemption. Conversely, failure to file the appropriate federal notice will not result in a loss of an available state exemption unless such exemption is predicated on the filing

of a federal notice.

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2. Enter the information requested for				
-	he issuer has been organized within the			
Each beneficial owner having th	e power to vote or dispose, or direct	the vote or disposition of, 10%	or more of a class of	of equity securities of the issuer;
Each executive officer and direct	tor of corporate issuers and of corpor	rate general and managing part	tners of partnership i	ssuers; and
Each general and managing part				
Check Box(es) that Apply: Pron		Executive Officer	✓ Director	General and/or Managing Partner
Full Name (Last name first, if individua Dale, Michael D.	d)			
Business or Residence Address (Number 3905 Annapolis Lane Plymouth, MI				
Check Box(es) that Apply: Pron	noter Beneficial Owner	Executive Officer	✓ Director	General and/or Managing Partner
Full Name (Last name first, if individual Anderson, Steven M.	ıl)			
Business or Residence Address (Number	er and Street, City, State, Zip Code)			
3905 Annapolis Lane Plymouth, M	N 55447			
Check Box(es) that Apply: Pron	noter Beneficial Owner	Executive Officer	✓ Director	General and/or Managing Partner
Full Name (Last name first, if individual Skokos, Theodore; C.	al)			
Business or Residence Address (Numb	er and Street, City, State, Zip Code)			
3905 Annapolis Lane Plymouth, M				
Check Box(es) that Apply: Pror	moter Beneficial Owner	Executive Officer	✓ Director	General and/or Managing Partner
Full Name (Last name first, if individual Munzenrider, Robert E.	al)			
Business or Residence Address (Numb	per and Street, City, State, Zip Code)			
3905 Annapolis Lane Plymouth, M				
Check Box(es) that Apply: Pro	moter Beneficial Owner	Executive Officer	✓ Director	General and/or Managing Partner
Full Name (Last name first, if individu Sivertson, Eric W.	al)			
Business or Residence Address (Numb	per and Street, City, State, Zip Code)			
3905 Annapolis Lane Plymouth, M			<u></u>	
	moter Beneficial Owner	Executive Officer	Director	General and/or Managing Partner
Full Name (Last name first, if individu	al)			-
Ajamil, Maria-Teresa				
Business or Residence Address (Numb	per and Street, City, State, Zip Code)			
3905 Annapolis Lane Plymouth, M	IN 55447			
Check Box(es) that Apply: Pro	moter Beneficial Owner	Executive Officer	Director	General and/or Managing Partner
Full Name (Last name first, if individu	ial)			
Curtis, Richard A. Business or Residence Address (Numb	per and Street, City State, Zin Code)			
3905 Annapolis Lane Plymouth, N				

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. Enter the information requ					
•		has been organized within th		c I	Caralle acquest a aftha ignuar
					of equity securities of the issuer
 Each executive officer 	and director of co	rporate issuers and of corpora	ate general and managing part	ners of partnership i	ssuers; and
 Each general and man 	aging partner of pa	artnership issuers.	<u> </u>		·
Check Box(es) that Apply:	Promoter	Beneficial Owner	Executive Officer	Director	General and/or Managing Partner
Full Name (Last name first, if	individual)				
Putnam, W. Allen					
Business or Residence Addre	ss (Number and St	reet, City, State, Zip Code)			
3905 Annapolis Lane Plyr	nouth, MN 5544	7		.	
Check Box(es) that Apply:	Promoter	Beneficial Owner	Executive Officer	Director	General and/or Managing Partner
Full Name (Last name first, it	individual)				
Kramer, Michael R.					
Business or Residence Addre	ss (Number and St	reet, City, State, Zip Code)			
3905 Annapolis Lane Plyr	nouth, MN 5544	7			·
Check Box(es) that Apply:	Promoter	Beneficial Owner	Executive Officer	Director	General and/or Managing Partner
Full Name (Last name first, i	f individual)				
Elizondo, David R.					
Business or Residence Addre	ss (Number and St	reet, City, State, Zip Code)			
3905 Annapolis Lane Ply	nouth, MN 5544	7			
Check Box(es) that Apply:	Promoter	Beneficial Owner	✓ Executive Officer	Director	General and/or Managing Partner
Full Name (Last name first, i	f individual)				
Curtis, Jeremy J.					
Business or Residence Addre					
3905 Annapolis Lane Ply	mouth, MN 5544	17			
Check Box(es) that Apply:	Promoter	Beneficial Owner	Executive Officer	Director	General and/or Managing Partner
Full Name (Last name first, i	f individual)				
Business or Residence Addre	ess (Number and S	treet, City, State, Zip Code)			
Check Box(es) that Apply:	Promoter	Beneficial Owner	Executive Officer	Director	General and/or Managing Partner
Full Name (Last name first,	f individual)				
Business or Residence Addre	ess (Number and S	treet, City, State, Zip Code)			
Check Box(es) that Apply:	☐ Promoter	Beneficial Owner	Executive Officer	☐ Director	General and/or Managing Partner
Full Name (Last name first,	if individual)				
		Street, City, State, Zip Code)			

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	d, or does the issuer intend to sell, to non-accredited investors in this offering?	Yes	No ☑
	Answer also in Appendix, Column 2, if filing under ULOE.		
2. What is the minim	jum investment that will be accepted from any individual?	\$ <u>N/A</u>	
3. Does the offering	permit joint ownership of a single unit?	Yes	No □
remuneration for s	tion requested for each person who has been or will be paid or given, directly or indirectly, any commission or similar olicitation of purchasers in connection with sales of securities in the offering. If a person to be listed is an associated person or or dealer registered with the SEC and/or with a state or states, list the name of the broker or dealer. If more than five (5) sted are associated persons of such a broker or dealer, you may set forth the information for that broker or		
Full Name (Last name	first, if individual)		
More than 5 persons			
:	Address (Number and Street, City, State, Zip Code)		
	65 Broadway, New York, NY 10006		
Name of Associated B			
RBC Capital Market			
,,			
States in Which Person	Listed Has Solicited or Intends to Solicit Purchasers		
(Check "All States" or	check individual States)		states
\square [AL] \square [AK]	\square [AZ] \square [AR] \square [CA] \square [CO] \square [CT] \square [DE] \square [DC] \square [FL] \square [GA] \square [H	• =	[ID]
	\square [IA] \square [KS] \square [KY] \square [IA] \square [ME] \square [MD] \square [MA] \square [MI] \square [MN] \square [M][MO]
[MT] [NE]] [PA]] _(DD)
∐[RI] ∐[SC]	\square [SD] \square [TN] \square [TX] \square [UT] \square [VT] \square [VA] \square [WA] \square [WV] \square [WI] \square [W	Y] <u>L</u>	[PR]
Full Name (Last name	first, if individual)		
Business or Residence	Address (Number and Street, City, State, Zip Code)		
Name of Associated B	roker or Dealer		
States in Which Person	n Listed Has Solicited or Intends to Solicit Purchasers		
1			States
\square [AL] \square [AK]		II) [[[D]
		[S]	[MO]
[MT] [NE]	\square [NA] \square [NH] \square [NI] \square [NM] \square [NA] \square [NC] \square [ND] \square [OH] \square [OK] \square [O	_	[PA]
[RI] [SC]	\square [SD] \square [TN] \square [TX] \square [UT] \square [VT] \square [VA] \square [WA] \square [WV] \square [WI] \square [W	'Y] <u> </u>	[PR]
Full Name (Last name	e first, if individual)		
i			
Business or Residence	e Address (Number and Street, City, State, Zip Code)		
'			
Name of Associated I	Broker or Dealer		
I			
States in Which Perso	on Listed Has Solicited or Intends to Solicit Purchasers	_	_
(Check "All States" of	r check individual states)		States
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[NE]		DR] [] [PA]] [PR]
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if answer is "none" or "zero." If the transaction is an exchange offering, check this box and indicate in the columns below the amounts of the securities offered for exchange and already exchanged. Type of Security	Aggregate Offering Price	Amount Already Sold
Type of Seeming 1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.		
Debt	\$	\$
Equity	\$ 16,170,000	\$16,170,000
Convertible Securities (including warrants)	\$ 245,000*	\$245,000*
Partnership Interests	\$	\$
Other (Specify Underlying common stock to be issued upon exeicise of Warrants	\$3,234,000*	\$
Total	\$ 19,649,000	\$ 16,415,000
Answer also in Appendix, Column 4, if filing under ULOE.		
2. Enter the number of accredited and non-accredited investors who have purchased securities in this offering and the aggregate dollar amounts of their purchases. For offerings under Rule 504, indicate the number of persons who have purchased securities and the aggregate dollar amount of their purchases on the total lines. Enter "0" if answer is "none" or "zero."	Number Investors	Aggregate Dollar Amount of Purchases
Accredited Investors	1	\$ 16,415,000
Non-accredited Investors		\$
Total (for filings under Rule 504 only)		\$
Answer also in Appendix, Column 4, if filing under ULOE.		
3. If this filing is for an offering under Rule 504 or 505, enter the information requested for all securities sold by the issuer, to date, in offerings of the types indicated, in the twelve (12) months prior to the first sale of securities in this offering. Classify securities by type listed in Part C - Question 1.	Type of	Dollar Amount
Type of Offering	Security	Sold
Rule 505		\$
Regulation A		\$
Rule 504		\$
Total		\$
4. a. Furnish a statement of all expenses in connection with the issuance and distribution of the securities in this securities in this offering. Exclude amounts relating solely to organization expenses of the issuer. The information may be given as subject to future contingencies. If the amount of an expenditure is not known, furnish an estimate and check the box to the left of the estimate.		
Transfer Agent's Fees		\$
Printing and Engraving Costs		\$
Legal Fees	🗹	\$50,000
Accounting Fees		\$
Engineering Fees		\$
Sales Commissions (specify finders' fees separately) placement agent		\$ 485,100
Other Expenses (identify) Blue Sky filing fees		\$ 300
Total		\$ 535,400
total	_	

CHOFFERING PRICE; NUMBER OF INVESTORS, EXPENSES AND USE OF PROCEEDS

⁴ of 8

^{*} Represents an additional 1,960,000 shares of common stock to be issued upon exercise of Warrants at an exercise price of \$1.65 per share.

î	C. OFFERING	PRICE, NUMBER OF II	NVESTORS, EXPENSES	AND (USE OF PROCES	EDS		
b. Enter the d Question 1 and to	ifference between the aggregate tall expenses furnished in resproceeds to the issuer."	onse to Part C - Question	4.a. This difference is the				\$	19,113,600
for each of the p	e amount of the adjusted gros urposes shown. If the amour ox to the left of the estimate occeds to the issuer set forth i	t for any purpose is not k The total of the payme	nown, furnish an estimate ents listed must equal the					
					Payment to Officers, Directors, & Affiliates			ments to Others
Salaries and fees	ļ,				\$	_ 🗆	\$	
Purchase of real	estate		***************************************		\$	_ 🗆	\$	
Purchase, rental of	r leasing and installation of m	achinery and equipment			\$	_ 🗆	\$	
Construction or I	 casing of plant buildings and f	acilities			\$	_ □	\$	<u></u>
Acquisition of ot may be used in e	her businesses (including the v change for the assets or secur	alue of securities involved ities of another issuer purs	in this offering that mant to a merger)		\$	_ 🗸	\$	19,113,600
Repayment of in	 debtedness				\$	_ 🗆	\$	
Working capital	ļ	•••••			\$	_ 🗆	\$	
Other (specify):	I				\$	_ □	\$	
					•		¢	
Column Totals					\$ 0	 _	\$	19,113,600
	isted (column totals added)			ب	<u> </u>			
Total Fayments I	isted (column totals added)					19,115	,000	
		D. FEDERA	L SIGNATURE					
onstitutes an underta	hused this notice to be signed to king by the issuer to furnish to on-accredited investor pursual	the U.S. Securities and E	xchange Commission, upor	tice is f	filed under Rule 50 on request of its sta)5, the follo aff, the info	wing rmati	signature on furnished
ssuer (Print or Type		Signature		Da	nte 	1		
ATS Medical, Inc.	, , ,	Muhael	rames		7/9/0	07		
lame of Signer (Prin	t or Type)	Title of Signer (Print or	Type)		•			
Michael R. Kramer	1	Acting Chief Financia	l Officer					

ATTENTION

Intentional misstatements or omissions of fact constitute federal criminal violations. (See 18 U.S.C. 1001.)